Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Job Code Number: 304-18-000053 Budget Head :

No 1st & Part bill Date: Est Cost: 200.00 Lacs

Division Project

Bill Received No. .....Date..... Cash Book Voucher No..... dated.....

Scheduled Docted No.

Name of Work (as per sanctioned estimate) CONSTRUCTION OF MULTI UTILITY BUILDING FOR ALLALSANDRA SWIMMING POOL IN WARD NO 4

Name of Contractor and Full Address: M/S. KRIDL , Bangalore

Reference to Agreement No.EE(Project)/YNK Zone/AG/138 /2017-18 Dated: 05-03-2018

Certified that the measurement were taken by me on 02/05/18 and recorded of pages 161801 to 161813 of measurement Book No 34/17-18 and that the work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Contractor

Officer-In-Charge of work

Certified that the measurements were taken by me on 02/05/18 And found correct. the work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the

Sub-Division Officer

if Memorandum of Payment		
1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being.....percent Rs.....	1st part Bill	1,79,31,735/-
3) Deduct amount to be held in Balance		
4) Deduct Payments:		
a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No.....	2% IT	3,58,635/-
Amount adjusted towards cash advance recovery of	1% L.CESS	1,79,318/-
b) Payments cost store or other materials supplied		
Now made recovery of amount creditable to this/other work	0.1% CBF	17,932/-
Amount paid on this bill Cheque/Cash	LR	1,44,739/-
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated..... less adjustments	T/D	7,00,624/-
7) Net amount due to or from contractor		
Unadjusted items	Bill payable	1,72,31,111/-
8) Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied		

Contractor's Signature

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Received Rs.....(in words)

.....

by cash and by adjustment of Payment as per memorandum.

Witnesses:
1
2

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Stamp

Dated..... Signature of Contractor

(For use in the Office)

Audited & Admitted for Rs.....
1,79,31,735/-
.....
1,72,31,111/- by Cheque
and Rs. 7,00,624/- by Adjustment

Paid by me by cheque No.....dated.....
Cast Rs.....dated.....

Initials of Officer making payment

Accts. Supdt.
Project Division
B.B.M.P.

Executive Engineer
Project Division
B.B.M.P

14/5

Item no	Description of work	Unit
1	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	cum
2	Providing and Spreading of Sand with all lead and lift and directions of the Engineer-In-charge of the work	cum
3	Providing and filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification. with all lead and lift and directions of the Engineer-In-charge of the work	cum
4	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	cum
5	Providing and constructing precast concrete Solid Blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size 40x10x20cms confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specifications.with all lead and lift and directions of the Engineer-In-charge of the work	sqm
6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, Footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications and with all lead and lift and directions of the Engineer-In-charge of the work	sqm
7	Providing and removing Centering, shuttering, strutting, propping etc.,and removal of from work for vertical surface such as walls at any thickness including attched plasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	sqm
8	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in chargeShuttering coloumns	sqm
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs landings balconies and likes thickness upto 200 mm including cost of all materials labour complete as per specifications upto 3.50m from Ground level with all lead and lift and directions of the Engineer-In-charge of the work	sqm
10	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregares of ready mixef concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25(for Staircase) with all lead and lift and directions of the Engineer-In-charge of the work	cum
11	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500 with all lead and lift and directions of the Engineer-In-charge of the work	quental

App. Qty	Previous		Present			Total up to date	
	Qnty	Amount	Qnty	Rate	Amount	Qnty	Amount
496.72			495.37	369.82	183199.91	495.37	183199.91
29.16			29.16	2762.58	80556.69	29.16	80556.69
58.32			58.32	2790.02	162713.85	58.32	162713.85
262.79			261.59	6594.11	1724939/- 1724953.97	261.59	1724939/- 1724953.97
628.13			564.78	1185.27	669415.44	564.78	669415.44
251.64			251.64	301.87	75962.77	251.64	75962.77
793.06			793.060	409.03	324384.06	793.06	324384.06
192.25			192.25	478.29	91951.02	192.25	91951.02
466.74			466.74	409.03	190909.92	466.74	190909.92
473.38			473.07	8320.40	3936129.55	473.07	3936129.55
601.18			592.90	7903.53	4685979.65 4686000.80	592.90	4685979.65/- 4686000.80

12126141.86

Item no	Description of work	Unit
12	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.For Outside Plastering with all lead and lift and directions of the Engineer-In-charge of the work	sqm
13	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.For Outside Plastering with all lead and lift and directions of the Engineer-In-charge of the work	sqm
14	Providing 12 mm thick cement plaster in single coat with cement mortar 1:3, to to cieling including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge Providing lime rendering for plastering to wall and ceiling including cost of materials labour curing complete as per specifications Internal wall platering with all lead and lift and directions of the Engineer-In-charge of the work	sqm
15	Providing and laying M-15 cement concrete flooring, 60mm thick with metallic concrete hardner topping under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size, and top layer 15mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt), including finishing cost of materials, labour, curing complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	sqm
16	Fabricating, supplying & erecting M.S. angular Truss of all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 nos of of M.S. anchor bolts at each support, with base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification with all lead and lift and directions of the Engineer-In-charge of the work	kgs
17	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. with all lead and lift and directions of the Engineer-In-charge of the work	sqm
18	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications with all lead and lift and directions of the Engineer-In-charge of the work	sqm
19	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications with all lead and lift and directions of the Engineer-In-charge of the work	sqm

App. Qty	Previous		Present			Total up to date	
	Qnty	Amount	Qnty	Rate	Amount	Qnty	Amount
665.76			665.76	335.85	223593.90	665.76	223593.90
1051.26			1051.26	338.46	355810.72	1051.26	355810.72
488.21			488.21	284.88	139079.8/- 139082.44	488.21	139079.8/- 139082.44
735.17			252.00	879.48	221628.05	252.00	221628.05
200.00			187.50	143.75	26952.75	187.50	26952.75
29.25			29.25	1006.24	29432.40	29.25	29432.40
1576.89			1576.89	180.00	283840.20	1576.89	283840.20
1539.47			1539.47	73.18	112659.65	1539.47	112659.65

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Item no	Description of work	Unit
20	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.with primer with all lead and lift and directions of the Engineer-In-charge of the work	sqm
21	SOLID PVC DOOR FRAME- Providing and fixing factory made PVC Door Frame of size 50x47mm with a wall thikness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners and jointed 2 Nos of 150mm long brackets of 15x15mm M.s.Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 guage. The door frame to be fixed to the wall using M.S.Screws of 65/80mm size complete as per manufacturers specification and direction of Engineer in charge.	sqm
22	SOLID PANEL PRELAM PVC DOOR SHUTTER Providing and fixing 30mm thick factory made rigid foam with both side prelampanelled Door Shutters made from M.S tube of 19x19mm, 19 gauge for styles and 15x15mm for top and bottom rails, covered with heat moulded prelaminated PVC C Channel of 5mmthick sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide prelaminated PVC sheets for top rail, lock rail and bottom rail on either side and 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, Panelling of 5mm thick PVC Sheet Prelaminated one ither side fitted int he M.S.Frame, Sealed tot he styles and rails with PVC Designer beading on either side and joined together with solvent cement adhesive etc., complete as per manufacturers specification and direction of Engineer-in-charge fixed to grames with 3 nos of 75mm Aluminium hinges with all lead and lift and directions of the Engineer-In-charge of the work	sqm
23	Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame of size 61.85x31.75mm, with 1.2mm thick bottom section weight 0.695kg/m; sides and top sections 1.3mm, thick, weight 0.659 kg/m shutter frame section comprising top and bottom section of size 40mmx18mm, wall thicikness 1.25mm, weight 0.417 kg/m shutter side outer 40mmx18mm wall thickness 1.25mm weight 0.417 kg/m shutter side outer 40mmx26.7mm wall thickness 1.1mm weight 0.469 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1mm thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc; providing and fixing 5.5mm thick plain glass for shutters fitted with rubber beading all aluminium secitons anodised 12 to 15 microns thick including cutting to reuired length, joints mitred subdividing the frame tenonned and rivetted, in the asembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessay steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any with all lead and lift and	sqm
24	Providing and fixing of white colour vitreous China clay,water closet European type (pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,PVC flush cistern (all are approved make) with fitting CI/MS brackets, 40mm diameter flush bend with fittings and clamp, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 directions of the Engineer-In-charge of the work	nos
25	Providing and fixing of white colour vetreous China clay flat back. lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, CI /MS brackets, standard flush pipe and CP brass spreaders with brass unions and GI clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 directions of the Engineer-In-charge of the work (i.No.12.8 P.No. 78)	nos

App. Qty	Previous		Present			Total up to date	
	Qnty	Amount	Qnty	Rate	Amount	Qnty	Amount
1539.47			1539.47	117.61	181056.77/- 181060.15	1539.47	181056.77/- 181060.15
31.50			31.20	687.38	21446.16	31.20	21446.16
31.50			31.20	254.83	7950.57	31.20	7950.57
21.09			20.91	5463.73	114246.61	20.91	114246.61
12.00			12.00	6703.88	80446.61	12.00	80446.61
6.00			6.00	5391.86	32351.14	6.00	32351.14

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Item no	Description of work	Uni
26	Providing and fixing of white colour vetreous China clay flat back wash basin size 630x450mm with a single 15mm CP brass piller tap with CI / MS brackets, 32 mm CP brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification No. KBS 11 directions of the Engineer-In-charge of the work	nos
27	Providing and fixing 600x450mm bevel lead edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with CP screws, washers, including cost of materials, labour complete as per specifications. directions of the Engineer-In-charge of the work	nos
28	Providing and fixing C.P brass towel rail 740mm length, 20 mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specification. directions of the Engineer-In-charge of the work	nos
29	Providing and fixing 15mm dia C.P angle stop cock with wall flange directions of the Engineer-In-charge of the workdirections of the Engineer-In-charge of the work	nos
30	WATER SUPPLY WORKS Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried). a. 20mm.dia directions of the Engineer-In-charge of the work	rmt
31	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(Burried).b. 25mm.dia.directions of the Engineer-In-charge of the work	m
32	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.c. 40mm dia directions of the Engineer-In-charge of the work	nos
33	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.KSRB a. 32mm.dia directions of the Engineer-In-charge of the work	nos
34	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).10 cmsx 7.5 directions of the Engineer-In-charge of the work	nos
35	Providing and fixing 7.5 cms to 15.00 cms dia NP granting 100 mm dia a. 125mm dia directions of the Engineer-In-charge of the work	nos
36	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for pipeline with one or two inlets, using table mounted non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600x 600mm internal dimensions, total weight of cover 23kg and weight of frame 15kg) R.C.C top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications directions of the Engineer-In-charge of the work	nos
37	providing and fixing on wall surface 4 kg/sq.cm HDPE rain down water pipes 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications directions of the Engineer-In-charge of the work	rmt
38	polythene WATER TANKS	liters

App. Qty	Previous		Present			Total up to date	
	Qnty	Amount	Qnty	Rate	Amount	Qnty	Amount
4.00			4.00	4879.59	19518.36	4.00	19518.36
9.00			9.00	1542.02	13878.22	9.00	13878.22
8.00			8.00	1023.22	8185.80	8.00	8185.80
24.00			24.00	248.29	5959.01	24.00	5959.01
198.00			198.00	294.03	58217.94	198.00	58217.94
83.00			83.00	365.90	30370.03	83.00	30370.03
2.00			0.00	601.13	0.00	0.00	0.00
10.00			10.00	1372.14	13721.40	10.00	13721.40
20.00			20.00	372.44	7448.76	20.00	7448.76
60.00			60.00	352.84	21170.16	60.00	21170.16
10.00			10.00	9201.18	92011.79	10.00	92011.79
32.00			0.00	538.40	0.00 43120/-	0.00	0.00 43120/-
4000.00			4000.00	10.78	43124.40	4000.00	43124.40

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Item no	Description of work	Unit
39	Providing TEAK WOOD frames of doors ,windows clerestory windows,ventilators and other frames ,wrought,framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials ,lobour HOM of machineries complete as per specification	cum
40	Providing TEAK WOOD frames of doors ,windows clerestory windows,ventilators and other frames ,wrought,framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials ,lobour HOM of machineries complete as per specification KSRB9.4.3Mathi/Nandi wood frames	cum
41	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per the direction of engineer in charge of work	kgs
42	Providing and laying heavy duty cobble stones 60mm thickinterlock pavers using cement and course sand for manufacture of blocks of approveed size ,shape and colour with a minimum compressive strength of 281 kg per over 50mm thick sand bed (avg thickness 0 and compacting with plate vibrarator having 3 tons compaction force there byforcing part of sand undearneath to comr upin betweeen joints ,final compaction of paver surface joints into final level ,including cost of materials ,lobour 14.7 kSRB14.6.2 75mm	sqm
43	Supply, installtion, testing and commissioning of GUTTER GRATINGS Made in white, U.V. Stabilized PP.Width: 245mm, Height : 35mm directions of the Engineer-In-charge of the work	rmt
44	Providing and laying Flooring using pre polished water cut/gang saw 19mm thick grey granite laid over bed of 20mm thick 1:4 cm and jointed with neat cement slutty mixed with pigment to match shade of granite slabs including laying POP on finished surfaqce and cleaning the surface including the cost of all m,aterials and laboutsd etc. complete as per specifications. with all lead and lift and directions of the Engineer-In-charge of the work	sqm
45	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications	sqm
	Total	
	ADD KRIDL CHARGES 11%	
	Grand Total	

Certificate

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. There are no departmental issues for this work

App. Qty	Previous		Present			Total up to date	
	Qnty	Amount	Qnty	Rate	Amount	Qnty	Amount
0.48			0.48	242952.42	115888.30/- 116617.16	0.48	115888.30/- 116617.16
0.26			0.26	105578.99	27450.54	0.26	27450.54
442.89			439.17	101.93	44764.77	439.17	44764.77
850.00			0	1267.60	0.00	0.00	0.00
100.00			100.00	3060.00	306000.00	100.00	306000.00
249.73			247.57	2595.30	642511.90/- 642519.61	247.57	642511.90/- 642519.61
93.94			93.10	8032.90	747862.95	93.10	747862.95
					16154717.12/- 16155500.21		16154717.12/- 16155500.21
				1777018/-	1777105.02	1777018	1777105.02
					17932605.23		17932605.23
					17931735.12/-		17931735.12/-

Asendress

16154717.12

1884478.46